

What is claimed is:

1. A method for eliminating disruptive parties from conferences, with at least one recognition function and  
5 at least one conference function, comprising:  
    providing a conference management function, which accesses ongoing conferences in succession, with a combined stream comprising voice information of participants in at least one of the conferences being  
10 subjected by a recognition function to a first check for disruptive data;  
    if disruptive data is detected in the combined stream by the conference management function, associating identified disruptive data with the participant emitting  
15 the disruptive data, by accessing the voice data of the participants in the conference being disrupted in succession and the recognition function subjecting the associated voice data stream to a second check for the disruptive data; and  
20      in the event of one of the participants being identified as a disruptive party, the disruptive party is isolated from the conference.
2. The method according to claim 1, wherein current  
25 characteristic data of conferences and participants is stored in a database, is updated further to a prompt by the conference functions or is retrieved to a prompt from the recognition functions.
- 30 3. The method according to claim 1, wherein the recognition functions are provided with a voice recognition function.
4. The method according to claim 1, wherein the  
35 disruptive data is detected based on disruption criteria, which is configured as increased sound levels, inputting of disruptive tones, abusive language recognized by the

voice recognition system or indecent contributions or legally prohibited content.

- 5 5. The method according to claim 1, wherein switching to  
a specific conference or a specific participant is  
effected by the recognition system dialing into a  
relevant conference system or by direct control of the  
conference system by the conference management function,  
such that the data stream of the conference resulting  
10 from combination or the incoming data stream of the  
specific participant to the conference function is  
forwarded to the recognition function.
- 15 6. The method according to claim 1, wherein monitoring  
details formed as VoiceXML scripts are stored on at least  
one content server accessible to the recognition systems.
- 20 7. The method according to claim 6, wherein VoiceXML  
pages including conference points currently available and  
to be checked are generated by the content server using  
status parameters obtained from a database and made  
available to the recognition systems requesting them.
- 25 8. The method according to claim 1, wherein a participant  
detected as a disruptive party is isolated by switching  
to silent or removal from the conference under the  
control of the conference management function.
- 30 9. The method according to claim 2, wherein the  
conference management function stores data of identified  
disruptive parties and associated indices for nature and  
duration of the disruption and measures taken for  
remedial action in the database.
- 35 10. The method according to claim 1, wherein the  
conference management function has comprehensive  
knowledge of availability of the conference function and

the recognition function and initiates disruptive party monitoring accordingly.

11. The method according to claim 1, wherein the  
5 conference management function, the recognition function and the conference function are at least duplicated on at least two different hardware platforms.

12. The method according to claim 1, wherein the  
10 conference management function can intervene at any time in the control of a conference and can activate the recognition function routinely and on operator command for disruption monitoring.

13. The method according to claim 1, wherein the  
15 conference management function uses a recognition function, which at the same time provides announcement and dialog functions, to inform the disruptive party about the reason for isolation or to offer a range of  
20 possible alternatives.

14. The method according to claim 1, wherein for network  
configurations with one or two conference servers, the  
recognition function/conference management function also  
25 operate on the conference system.

15. The method according to claim 1, wherein the first  
check is omitted and the voice data of the participants  
is accessed directly in succession and the voice data  
30 stream is checked for disruptive data by the recognition functions.

16. A device for eliminating disruptive parties from  
conferences, with at least one recognition function and  
35 at least one conference function, which operate on at least one conference system, comprising a control interface provided between the recognition function and a conference management function, via which the conference

management function initiates and controls monitoring for disruptive parties in at least one conference, provides the conference data and receives a result of the monitoring for disruptive parties to initiate measures to  
5 eliminate disruptive parties.